



WATER TESTING REPORT

**8001 N. Stemmons Freeway
Random Locations throughout Building
Dallas, TX 75247**

Vantage Report No. 2014-1215

Prepared for:

**Elman Stemmons BIS Associates LP
c/o David R. Pena
PO Box 540455
Dallas, TX 75247**

Prepared By:

**Vantage Environmental Services, LP
The Madison
15851 Dallas Parkway, Suite 600
Addison, TX 75001
214.561.8690**



October 8, 2014

Vantage Project No. 2014-1215

Elman Stemmons BIS Associates LP
c/o Mr. David R. Pena
PO Box 540455
Dallas, TX 75247

**RE: Report of Water Testing
8001 N. Stemmons Freeway
Random Locations throughout Building
Dallas, Texas**

Dear Mr. Pena:

Vantage Environmental Services, LP (Vantage) is pleased to present this letter report describing the results of the water testing performed for Elman Stemmons BIS Associates LP from various water sources within 8001 N. Stemmons Freeway located in Dallas, Texas.

Site Activities and Observations

On September 24, 2014, representatives of Vantage were on site for the purpose of water collection from various locations within 8001 N. Stemmons Freeway. Although no official complaints had been made regarding the water quality at the referenced site, an overview of the water quality had been requested. Based on this information, the samples collected were analyzed for metals (iron, lead & copper), total coliform & E-Coli, total hardness (calcium/magnesium), Chlorine (Cl_2) residual and asbestos. Samples were collected in 8001 N. Stemmons Freeway from two areas on the 1st floor (North Break Room & Central Water Fountain) and two areas on the 2nd floor (South Break Room and North Water Fountain). Sample locations and times were identified on the chain of custody. All samples were collected during normal business hours and on a typical day.

For this investigation, all water samples were collected using sterile sampling equipment, sterile bottle containers, as well as appropriate packaging and shipping of the samples. All water sample containers used for the collection of metals (iron, lead & copper) analysis were prepped with nitric acid. All water sample containers used for the collection of total coliform and E-Coli analysis were prepped with sodium thiosulfate. At each location, four (4) samples (one for each constituent) were collected as a first grab. After a period of no less than two minutes (water left running) four (4) additional samples (one for each constituent) were collected at each location. A total of eight (8) water samples were collected at each location (4 total locations within the building). All samples were forwarded under chain of custody protocols to Ana-Lab Corp. in Dallas, Texas and then forwarded to Ana-Lab Corp. in Kilgore, Texas for analysis. Laboratory analytical data are included as Appendix A, attached hereto.

Results and Discussion

Metals (Iron, Lead & Copper)

The water samples collected for iron were analyzed utilizing EPA method 200.7. The Environmental Protection Agency (EPA) defines iron as a secondary standard contaminant with a recommended maximum level of 0.3 mg/L. A secondary standard is a non-enforceable guideline. The levels of iron reported from the samples collected on September 24, 2014 were all <0.050 mg/L, which is well below the recommended maximum level.

The water samples collected for lead and copper were analyzed utilizing EPA Method 200.8. The EPA has defined maximum contaminant levels and goals for lead and copper as they are both considered hazardous substances. The maximum contaminant level goal (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals. The MCLG for lead in drinking water is zero. The MCLG for copper in drinking water is 1.3 mg/L.

The maximum contaminant level (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards. The MCL for lead in drinking water is listed with an Action Level (AL) of 0.015 mg/L. The MCL for copper in drinking water is listed with an Action Level (AL) of 1.3 mg/L. The AL is the exposure level at which action must be taken to correct the contamination if more than 10 percent of the tap water samples collected exceed this level.

The MCLG for lead is 0.00 mg/L with an MCL and AL of 0.015 mg/L. The results for lead collected on September 24, 2014 ranged from <0.0005 mg/L to 0.000616 mg/L., which are all below the MCL and AL.

The MCLG and MCL for copper is 1.3 mg/L with an AL of 1.3 mg/L. The results for copper collected on September 24, 2014 ranged from 0.0661 mg/L to 0.252 mg/L, which are below the MCLG, MCL and AL as defined by the EPA.

Total Coliform & E-coli

The water samples collected for coliforms and E-coli were analyzed for the presence or absence of coliforms utilizing method reference SM9223B. Total coliform and E-coli were absent from all of the samples collected on September 24, 2014.

Total Hardness (as CaCO₃)

The water samples collected for total hardness (as CaCO₃) were analyzed utilizing method reference SM2340. Total hardness is defined as the sum of calcium and magnesium hardness. The results for total hardness as CaCO₃ ranged from 98 mg/L to 110 mg/L. All of the samples collected on September 24, 2014 fall within the moderate level for total hardness (which is 61 – 120 mg/L) as defined by the general guidelines for classification of total water hardness.

Chlorine Residual (Cl₂)

The water samples collected for chlorine 2 (Cl₂) residual were analyzed utilizing method reference SM4500. The results collected for Cl₂ residual ranged from <0.100 mg/L to 2.05 mg/L. EPA requires

all US facilities that treat water to maintain a chlorine residual of no more than 4 parts per million (or 3.995436 mg/L). All of the samples collected on September 24, 2014 were within EPA requirements.

Asbestos

The water samples collected for asbestos were analyzed for the determination of asbestos structures greater than 10 micrograms utilizing EPA Method 100.2. Asbestos was not detected in any of the samples collected on September 24, 2014.

Conclusions

Based on the samples collected from the 1st floor (North Break Room & Central Water Fountain) and the 2nd floor (South Break Room and North Water Fountain) located at 8001 N. Stemmons Freeway water quality in regards to metals (iron, lead & copper) total coliform & E-coli, total hardness as CaCO₃, Cl₂ residual and asbestos are all within or below recommended levels.

Vantage appreciates the opportunity to provide environmental consulting services to Elman Stemmons BIS Associates LP. As always, please feel free to contact either of the undersigned at (214) 561.8690 should you have any questions associated with this report.

Very truly yours,
VANTAGE ENVIRONMENTAL SERVICES, LP



Kristi Warrington
Managing Partner



Manuel Rangel
Principal

Appendix A
Laboratory Results



Results

Report To

Kristi Warrington
Vantage Environmental Services
15851 Dallas Parkway
Suite 600
Addison, TX 75001

Account

PRIM-N

Project

670309

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1337058 G-01-7701	Level 8 Break Room				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environmental			09/24/2014	11:10:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 09/26/2014 0.050		7439-89-6	QCgroup 04	584168
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.449 mg/L	WOB 09/26/2014 0.001		7440-50-8	QCgroup 04	584142
N Lead	Analyzed 0.0019 mg/L	0.0005		7439-92-1	QCgroup 04	
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO ₃)	Analyzed 98 mg/L	CRG 09/29/2014 5.0			QCgroup 02	584296
SM 4500-CI F-2000	Prepared: 583979	09/25/2014			16:00:00	
N Cl ₂ Residual,Total(Lab)Titration	Analyzed <0.100 mg/L	JWK 09/25/2014 0.100			QCgroup 01	583979
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014			QCgroup 03	584009
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014			QCgroup 03	584010
Subcontract	Prepared: See Attached	10/02/2014			07:50:00	
z Asbestos-liquid (Electron Micros)	Analyzed	SKL 10/02/2014			QCgroup EMSL Houston	

1337060 G-03-7701	Level 6 Break Room		Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environmental	09/24/2014	11:21:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014		15:45:00
N Total Iron	Analyzed <0.050 mg/L	SAM 09/26/2014 0.050		7439-89-6
EPA 200.8 5.4	Prepared: 583941	09/25/2014		15:45:00
	Analyzed	WOB 09/26/2014		QCgroup 584142

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

North Texas Region: 11105 Shady Trl Ste. 123 Dallas TX 75229-7633



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Results

Results

Parameter		Results	Units	RL	Flags	CAS	Bottle
1337060	G-03-7701		Level 6 Break Room			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	11:21:00
EPA 200.8 5.4			Analyzed	WOB 09/26/2014	14:47:00	QCgroup	584142
N Copper		0.307	mg/L	0.001	7440-50-8	04	
N Lead		0.00143	mg/L	0.0005	7439-92-1	04	
SM 2340 C-97		Prepared:	584296	09/29/2014	09:30:00		
N Total Hardness (as CaCO3)		100	mg/L	5.0			02
SM 4500-CI F-2000		Prepared:	583979	09/25/2014	16:00:00		
N Cl2 Residual,Total(Lab)Titration		<0.100	mg/L	0.100			01
SM 9223 B (Colilert®-18)-97		Prepared:	584009	09/26/2014	09:10:00		
N Total Coliform Colilert 18		NEGATIVE	in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584009
SM 9223 B (Colilert®-18)-97		Prepared:	584010	09/26/2014	09:10:00		
N E-coli Colilert-18		NEGATIVE	in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584010
Subcontract		Prepared:		10/02/2014	07:50:00		
z Asbestos-liquid (Electron Micros		See Attached		Analyzed SKL 10/02/2014	07:50:00	QCgroup	EMSL Houston
1337061	F-04-7701		Level 6 Break Room			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	11:24:00
EPA 200.7 4.4		Prepared:	583941	09/25/2014	15:45:00		
N Total Iron		<0.050	mg/L	SAM 09/26/2014	17:26:01	QCgroup	584168
EPA 200.8 5.4		Prepared:	583941	09/25/2014	15:45:00		
N Copper		0.169	mg/L	WOB 09/26/2014	14:56:00	QCgroup	584142
N Lead		0.000557	mg/L	0.001	7440-50-8	04	
SM 2340 C-97		Prepared:	584296	09/29/2014	09:30:00		
N Total Hardness (as CaCO3)		110	mg/L	5.0			02
SM 4500-CI F-2000		Prepared:	583979	09/25/2014	16:00:00		
N Cl2 Residual,Total(Lab)Titration		0.75	mg/L	0.100			01
SM 9223 B (Colilert®-18)-97		Prepared:	584009	09/26/2014	09:10:00		
N Total Coliform Colilert 18		NEGATIVE	in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584009

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Results

Results

Parameter		Results	Units	RL	Flags	CAS	Bottle
1337061	F-04-7701	Level 6 Break Room				Received: 09/25/2014	
Drinking Water		Collected by: Client		Affiliation: Vantage Environments		09/24/2014	11:24:00
SM 9223 B (Colilert®-18)-97	N E-coli Colilert-18	Prepared: 584010	Analyzed in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584010	03
Subcontract		Prepared: 10/02/2014	Analyzed	SKL 10/02/2014	07:50:00 QCgroup		
z Asbestos-liquid (Electron Micros)		See Attached				EMSL Houston	
1337062	G-05-7701	Level 4 Break Room				Received: 09/25/2014	
Drinking Water		Collected by: Client		Affiliation: Vantage Environments		09/24/2014	11:31:00
EPA 200.7 4.4	N Total Iron	Prepared: 583941	Analyzed <0.050 mg/L	SAM 09/26/2014	17:29:28 QCgroup	584168	04
EPA 200.8 5.4	N Copper	Prepared: 583941	Analyzed 0.145 mg/L	WOB 09/26/2014	15:01:00 QCgroup	584142	04
N Lead		Prepared: <0.0005	Analyzed mg/L	0.001	7440-50-8		
SM 2340 C-97	N Total Hardness (as CaCO ₃)	Prepared: 584296	Analyzed 110 mg/L	CRG 09/29/2014	09:30:00 QCgroup	584296	02
SM 4500-Cl F-2000	N Cl ₂ Residual,Total(Lab)Titration	Prepared: 583979	Analyzed 0.75 mg/L	JWK 09/25/2014	16:00:00 QCgroup	583979	01
SM 9223 B (Colilert®-18)-97	N Total Coliform Colilert 18	Prepared: 584009	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584009	03
SM 9223 B (Colilert®-18)-97	N E-coli Colilert-18	Prepared: 584010	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584010	03
Subcontract		Prepared: 10/02/2014	Analyzed	SKL 10/02/2014	07:50:00 QCgroup		
z Asbestos-liquid (Electron Micros)		See Attached				EMSL Houston	

1337063 F-06-7701 Level 4 Break Room Received: 09/25/2014

Drinking Water Collected by: Client Affiliation: Vantage Environments 09/24/2014 11:35:00

Prepared: 583941 09/25/2014 15:45:00
EPA 200.7 4.4 Analyzed SAM 09/26/2014 17:32:54 QCgroup 584168

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

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NELAP-accredited #T104704201



Results

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1337063 F-06-7701	Level 4 Break Room				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	11:35:00
EPA 200.7 4.4	Analyzed	SAM 09/26/2014	17:32:54	QCgroup	584168	
N Total Iron	<0.050	mg/L	0.050	7439-89-6	04	
	Prepared: 583941	09/25/2014	15:45:00			
EPA 200.8 5.4	Analyzed	WOB 09/26/2014	15:04:00	QCgroup	584142	
N Copper	0.0428	mg/L	0.001	7440-50-8	04	
N Lead	<0.0005	mg/L	0.0005	7439-92-1	04	
	Prepared: 584296	09/29/2014	09:30:00			
SM 2340 C-97	Analyzed	CRG 09/29/2014	09:30:00	QCgroup	584296	
N Total Hardness (as CaCO3)	100	mg/L	5.0		02	
	Prepared: 583979	09/25/2014	16:00:00			
SM 4500-CI F-2000	Analyzed	JWK 09/25/2014	16:00:00	QCgroup	583979	
N Cl2 Residual,Total(Lab)Titration	3.25	mg/L	0.100		01	
	Prepared: 584009	09/26/2014	09:10:00			
SM 9223 B (Colilert®-18)-97	Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009	
N Total Coliform Colilert 18	NEGATIVE	in 100 mL			03	
	Prepared: 584010	09/26/2014	09:10:00			
SM 9223 B (Colilert®-18)-97	Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010	
N E-coli Colilert-18	NEGATIVE	in 100 mL			03	
	Prepared:	10/02/2014	07:50:00			
Subcontract	Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
Z Asbestos-liquid (Electron Micros)	See Attached				EMSL Houston	
1337064 G-07-7701	Level 2 Break Room				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	11:47:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014	15:45:00			
N Total Iron	<0.050	mg/L	0.050	7439-89-6	04	
	Prepared: 583941	09/25/2014	15:45:00			
EPA 200.8 5.4	Analyzed	WOB 09/26/2014	15:07:00	QCgroup	584142	
N Copper	0.581	mg/L	0.001	7440-50-8	04	
N Lead	0.0117	mg/L	0.0005	7439-92-1	04	
	Prepared: 584296	09/29/2014	09:30:00			
SM 2340 C-97	Analyzed	CRG 09/29/2014	09:30:00	QCgroup	584296	
N Total Hardness (as CaCO3)	100	mg/L	5.0		02	
	Prepared: 583979	09/25/2014	16:00:00			
SM 4500-CI F-2000	Analyzed	JWK 09/25/2014	16:00:00	QCgroup	583979	
N Cl2 Residual,Total(Lab)Titration	<0.100	mg/L	0.100		01	

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Results

Results

Parameter		Results	Units	RL	Flags	CAS	Bottle
1337064	G-07-7701		Level 2 Break Room			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	11:47:00
SM 9223 B (Colilert®-18)-97		Prepared:	584009	09/26/2014	09:10:00		
N Total Coliform Colilert 18			Analyzed in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584009	03
SM 9223 B (Colilert®-18)-97		Prepared:	584010	09/26/2014	09:10:00		
N E-coli Colilert-18			Analyzed in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584010	03
Subcontract		Prepared:		10/02/2014	07:50:00		
z Asbestos-liquid (Electron Micros		See Attached		Analyzed SKL 10/02/2014	07:50:00 QCgroup	EMSL Houston	
1337065	F-08-7701		Level 2 Break Room			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	11:50:00
EPA 200.7 4.4		Prepared:	583941	09/25/2014	15:45:00		
N Total Iron			Analyzed <0.050 mg/L	SAM 09/26/2014 0.050	17:39:43 QCgroup	584168	04
EPA 200.8 5.4		Prepared:	583941	09/25/2014	15:45:00		
N Copper			Analyzed 0.065 mg/L	WOB 09/26/2014 0.001	15:10:00 QCgroup	584142	04
N Lead			Analyzed 0.00177 mg/L	0.0005	7440-50-8 7439-92-1	04	
SM 2340 C-97		Prepared:	584296	09/29/2014	09:30:00		
N Total Hardness (as CaCO3)			Analyzed 100 mg/L	CRG 09/29/2014 10	09:30:00 QCgroup	584296	02
SM 4500-Cl F-2000		Prepared:	583979	09/25/2014	16:00:00		
N Cl2 Residual,Total(Lab)Titration			Analyzed 1.35 mg/L	JWK 09/25/2014 0.100	16:00:00 QCgroup	583979	01
SM 9223 B (Colilert®-18)-97		Prepared:	584009	09/26/2014	09:10:00		
N Total Coliform Colilert 18			Analyzed in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584009	03
SM 9223 B (Colilert®-18)-97		Prepared:	584010	09/26/2014	09:10:00		
N E-coli Colilert-18			Analyzed in 100 mL	MDM 09/26/2014	09:10:00 QCgroup	584010	03
Subcontract		Prepared:		10/02/2014	07:50:00		
z Asbestos-liquid (Electron Micros		See Attached		Analyzed SKL 10/02/2014	07:50:00 QCgroup	EMSL Houston	
1337066	G-09-7701		Level 7 Water Fountain			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	11:55:00

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Results

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1337066 G-09-7701	Level 7 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	11:55:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	09/26/2014	17:43:09	QCgroup 7439-89-6	584168 04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.262 mg/L	WOB 0.001	09/26/2014	15:13:00	QCgroup 7440-50-8	584142 04
N Lead	Analyzed 0.00223 mg/L	0.0005			7439-92-1	04
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO3)	Analyzed 100 mg/L	CRG 5.0	09/29/2014	09:30:00	QCgroup	584296 02
SM 4500-CI F-2000	Prepared: 583979	09/25/2014			16:00:00	
N Cl2 Residual,Total(Lab)Titration	Analyzed <0.100 mg/L	JWK 0.100	09/25/2014	16:00:00	QCgroup	583979 01
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014			09:10:00	QCgroup 584009 03
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014			09:10:00	QCgroup 584010 03
Subcontract	Prepared:		10/02/2014		07:50:00	
z Asbestos-liquid (Electron Micros)	See Attached	SKL	10/02/2014	07:50:00	QCgroup EMSL Houston	
1337067 F-10-7701	Level 7 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	12:00:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	0.050	09/26/2014	17:46:33	QCgroup 7439-89-6	584168 04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.130 mg/L	0.001	09/26/2014	15:17:00	QCgroup 7440-50-8	584142 04
N Lead	Analyzed 0.00108 mg/L	0.0005			7439-92-1	04
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO3)	Analyzed 100 mg/L	CRG 5.0	09/29/2014	09:30:00	QCgroup	584296 02
SM 4500-CI F-2000	Prepared: 583979	09/25/2014			16:00:00	

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Results

Results

Parameter		Results	Units	RL	Flags	CAS	Bottle
1337067	F-10-7701	Level 7 Water Fountain				Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	12:00:00
SM 4500-CI F-2000		Analyzed	JWK 09/25/2014	16:00:00	QCgroup	583979	
N Cl2 Residual,Total(Lab)Titration	0.85	mg/L	0.100		01		
	Prepared:	584009	09/26/2014	09:10:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009	
N Total Coliform Colilert 18	NEGATIVE	in 100 mL			03		
	Prepared:	584010	09/26/2014	09:10:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010	
N E-coli Colilert-18	NEGATIVE	in 100 mL			03		
	Prepared:		10/02/2014	07:50:00			
Subcontract		Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
z Asbestos-liquid (Electron Micros)	See Attached				EMSL Houston		
1337068	G-11-7701	Level 5 Water Fountain			Received:	09/25/2014	
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	12:07:00
EPA 200.7 4.4	Prepared:	583941	09/25/2014	15:45:00			
N Total Iron	<0.050	mg/L	0.050	17:49:58	QCgroup	584168	04
	Prepared:	583941	09/25/2014	15:45:00			
EPA 200.8 5.4		Analyzed	WOB 09/26/2014	15:23:00	QCgroup	584142	
N Copper	0.144	mg/L	0.001	7440-50-8	04		
N Lead	0.00133	mg/L	0.0005	7439-92-1	04		
SM 2340 C-97	Prepared:	584296	09/29/2014	09:30:00			
N Total Hardness (as CaCO3)	100	mg/L	5.0	09:30:00	QCgroup	584296	02
SM 4500-CI F-2000	Prepared:	584077	09/26/2014	09:20:00			
N Cl2 Residual,Total(Lab)Titration	0.75	mg/L	0.100	09:20:00	QCgroup	584077	01
SM 9223 B (Colilert®-18)-97	Prepared:	584009	09/26/2014	09:10:00			
N Total Coliform Colilert 18	NEGATIVE	in 100 mL		09:10:00	QCgroup	584009	03
SM 9223 B (Colilert®-18)-97	Prepared:	584010	09/26/2014	09:10:00			
N E-coli Colilert-18	NEGATIVE	in 100 mL		09:10:00	QCgroup	584010	03
	Prepared:		10/02/2014	07:50:00			
Subcontract		Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
z Asbestos-liquid (Electron Micros)	See Attached				EMSL Houston		

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Parameter	Results	Units	RL	Flags	CAS	Bottle
1337069 F-12-7701	Level 5 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	12:10:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	17:53:26	QCgroup	584168 7439-89-6	04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.0614 mg/L	WOB 0.001	15:26:00	QCgroup	584142 7440-50-8	04
N Lead	Analyzed 0.00082 mg/L	0.0005	7439-92-1			04
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO3)	Analyzed 100 mg/L	CRG 5.0	09:30:00	QCgroup	584296	02
SM 4500-CI F-2000	Prepared: 584077	09/26/2014			09:20:00	
N Cl2 Residual,Total(Lab)Titration	Analyzed 1.70 mg/L	CRG 0.100	09:20:00	QCgroup	584077	01
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584009	03
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584010	03
Subcontract	Prepared:	10/02/2014			07:50:00	
z Asbestos-liquid (Electron Micros	See Attached	SKL 10/02/2014	07:50:00	QCgroup	EMSL Houston	
1337070 G-13-7701	Level 3 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	12:17:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	0.050	18:11:47	QCgroup	584168 7439-89-6	04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.170 mg/L	0.001	15:40:00	QCgroup	584142 7440-50-8	04
N Lead	Analyzed 0.00292 mg/L	0.0005	7439-92-1			04
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO3)	Analyzed 100 mg/L	CRG 5.0	09:30:00	QCgroup	584296	02
SM 4500-CI F-2000	Prepared: 584077	09/26/2014			09:20:00	

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Parameter		Results	Units	RL	Flags	CAS	Bottle
1337070	G-13-7701		Level 3 Water Fountain			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	12:17:00
SM 4500-CI F-2000			Analyzed	CRG 09/26/2014	09:20:00	QCgroup	584077
N Cl2 Residual,Total(Lab)Titration		0.45	mg/L	0.100		01	
		Prepared:	584009	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009
N Total Coliform Colilert 18		NEGATIVE	in 100 mL			03	
		Prepared:	584010	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010
N E-coli Colilert-18		NEGATIVE	in 100 mL			03	
		Prepared:		10/02/2014	07:50:00		
Subcontract			Analyzed	SKL 10/02/2014	07:50:00	QCgroup	
z Asbestos-liquid (Electron Micros		See Attached				EMSL Houston	
1337071	F-14-7701		Level 3 Water Fountain			Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	12:20:00
EPA 200.7 4.4		Prepared:	583941	09/25/2014	15:45:00		
N Total Iron		<0.050	mg/L	0.050	18:15:11	QCgroup	584168
		Prepared:	583941	09/25/2014	15:45:00		
EPA 200.8 5.4			Analyzed	WOB 09/26/2014	15:43:00	QCgroup	584142
N Copper		0.0396	mg/L	0.001	7440-50-8	04	
N Lead		0.00144	mg/L	0.0005	7439-92-1	04	
		Prepared:	584296	09/29/2014	09:30:00		
SM 2340 C-97			Analyzed	CRG 09/29/2014	09:30:00	QCgroup	584296
N Total Hardness (as CaCO3)		100	mg/L	5.0		02	
SM 4500-CI F-2000		Prepared:	584077	09/26/2014	09:20:00		
N Cl2 Residual,Total(Lab)Titration		1.95	mg/L	0.100		01	
		Prepared:	584009	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009
N Total Coliform Colilert 18		NEGATIVE	in 100 mL			03	
		Prepared:	584010	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010
N E-coli Colilert-18		NEGATIVE	in 100 mL			03	
		Prepared:		10/02/2014	07:50:00		
Subcontract			Analyzed	SKL 10/02/2014	07:50:00	QCgroup	
z Asbestos-liquid (Electron Micros		See Attached				EMSL Houston	

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1337072 G-15-7701	Level 1 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	12:28:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	09/26/2014	18:18:36	QCgroup 7439-89-6	584168 04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.192 mg/L	WOB 0.001	09/26/2014	15:46:00	QCgroup 7440-50-8	584142 04
N Lead	Analyzed <0.0005 mg/L	0.0005	09/26/2014	15:46:00	QCgroup 7439-92-1	584142 04
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO3)	Analyzed 110 mg/L	CRG 5.0	09/29/2014	09:30:00	QCgroup	584296 02
SM 4500-CI F-2000	Prepared: 584077	09/26/2014			09:20:00	
N Cl2 Residual,Total(Lab)Titration	Analyzed 0.85 mg/L	CRG 0.100	09/26/2014	09:20:00	QCgroup	584077 01
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09/26/2014	09:10:00	QCgroup	584009 03
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09/26/2014	09:10:00	QCgroup	584010 03
Subcontract	Prepared:	10/02/2014			07:50:00	
z Asbestos-liquid (Electron Micros)	See Attached	SKL 10/02/2014			07:50:00	QCgroup EMSL Houston
1337073 F-16-7701	Level 1 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	12:31:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	0.050	09/26/2014	18:22:00	QCgroup 7439-89-6	584168 04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.0413 mg/L	0.001	09/26/2014	15:49:00	QCgroup 7440-50-8	584142 04
N Lead	Analyzed <0.0005 mg/L	0.0005	09/26/2014	15:49:00	QCgroup 7439-92-1	584142 04
SM 2340 C-97	Prepared: 584296	09/29/2014			09:30:00	
N Total Hardness (as CaCO3)	Analyzed 110 mg/L	CRG 5.0	09/29/2014	09:30:00	QCgroup	584296 02
SM 4500-CI F-2000	Prepared: 584077	09/26/2014			09:20:00	

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Parameter		Results	Units	RL	Flags	CAS	Bottle
1337073	F-16-7701						
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	12:31:00
SM 4500-CI F-2000				Analyzed	CRG 09/26/2014	09:20:00	QCgroup
N	Cl2 Residual,Total(Lab)Titration	2.30	mg/L	0.100		584077	01
		Prepared:	584009	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	Total Coliform Colilert 18	NEGATIVE	in 100 mL			584009	03
		Prepared:	584010	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	E-coli Colilert-18	NEGATIVE	in 100 mL			584010	03
		Prepared:		10/02/2014		07:50:00	
Subcontract				Analyzed	SKL 10/02/2014	07:50:00	QCgroup
z	Asbestos-liquid (Electron Micros)	See Attached				EMSL Houston	
1337074	G-17-8001						
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	12:52:00
EPA 200.7 4.4		Prepared:	583941	09/25/2014		15:45:00	
N	Total Iron	<0.050	mg/L	0.050	18:25:25	QCgroup	584168
		Prepared:	583941	09/25/2014		15:45:00	
EPA 200.8 5.4				Analyzed	WOB 09/26/2014	15:52:00	QCgroup
N	Copper	0.150	mg/L	0.001	7440-50-8	04	
N	Lead	<0.0005	mg/L	0.0005	7439-92-1	04	
		Prepared:	584296	09/29/2014		09:30:00	
SM 2340 C-97				Analyzed	CRG 09/29/2014	09:30:00	QCgroup
N	Total Hardness (as CaCO3)	110	mg/L	5.0		584296	02
		Prepared:	584077	09/26/2014		09:20:00	
SM 4500-CI F-2000				Analyzed	CRG 09/26/2014	09:20:00	QCgroup
N	Cl2 Residual,Total(Lab)Titration	1.35	mg/L	0.100		584077	01
		Prepared:	584009	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	Total Coliform Colilert 18	NEGATIVE	in 100 mL			584009	03
		Prepared:	584010	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	E-coli Colilert-18	NEGATIVE	in 100 mL			584010	03
		Prepared:		10/02/2014		07:50:00	
Subcontract				Analyzed	SKL 10/02/2014	07:50:00	QCgroup
z	Asbestos-liquid (Electron Micros)	See Attached				EMSL Houston	

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1337075 F-18-8001	Level 1-N Break Room				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	12:56:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	18:28:51	QCgroup	7439-89-6	584168 04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.0996 mg/L	WOB 0.001	15:55:00	QCgroup	7440-50-8	584142 04
N Lead	<0.0005 mg/L	0.0005	7439-92-1			04
SM 2340 C-97	Prepared: 584331	09/29/2014			09:40:00	
N Total Hardness (as CaCO3)	Analyzed 110 mg/L	CRG 5.0	09:40:00	QCgroup	584331 02	
SM 4500-CI F-2000	Prepared: 584077	09/26/2014			09:20:00	
N Cl2 Residual,Total(Lab)Titration	Analyzed 2.05 mg/L	CRG 0.100	09:20:00	QCgroup	584077 01	
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584009 03	
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584010 03	
Subcontract	Prepared:	10/02/2014			07:50:00	
z Asbestos-liquid (Electron Micros	See Attached	SKL 10/02/2014	07:50:00	QCgroup	EMSL Houston	
1337076 G-19-8001	Level 1 Central Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	13:01:00
EPA 200.7 4.4	Prepared: 583941	09/25/2014			15:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	18:32:17	QCgroup	7439-89-6	584168 04
EPA 200.8 5.4	Prepared: 583941	09/25/2014			15:45:00	
N Copper	Analyzed 0.229 mg/L	WOB 0.001	15:58:00	QCgroup	7440-50-8	584142 04
N Lead	<0.0005 mg/L	0.0005	7439-92-1			04
SM 2340 C-97	Prepared: 584331	09/29/2014			09:40:00	
N Total Hardness (as CaCO3)	Analyzed 100 mg/L	CRG 5.0	09:40:00	QCgroup	584331 02	
SM 4500-CI F-2000	Prepared: 584077	09/26/2014			09:20:00	

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1337076	G-19-8001	Level 1 Central Water Fountain				Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	13:01:00
SM 4500-CI F-2000		Analyzed	CRG 09/26/2014	09:20:00	QCgroup	584077	
N Cl2 Residual,Total(Lab)Titration		<0.100	mg/L	0.100		01	
		Prepared:	584009	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009	
N Total Coliform Colilert 18		NEGATIVE	in 100 mL			03	
		Prepared:	584010	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010	
N E-coli Colilert-18		NEGATIVE	in 100 mL			03	
		Prepared:		10/02/2014	07:50:00		
Subcontract		Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
z Asbestos-liquid (Electron Micros		See Attached				EMSL Houston	
1337077	G-20-8001	Level 1 Central Water Fountain			Received:	09/25/2014	
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	13:05:00
Bottle ID: F-20-8001							
EPA 200.7 4.4		Prepared:	583941	09/25/2014	15:45:00		
N Total Iron		<0.050	mg/L	0.050	18:35:43	QCgroup	584168
		Prepared:	583941	09/25/2014	15:45:00		
EPA 200.8 5.4		Analyzed	WOB 09/26/2014	16:01:00	QCgroup	584142	
N Copper		0.203	mg/L	0.001	7440-50-8	04	
N Lead		<0.0005	mg/L	0.0005	7439-92-1	04	
		Prepared:	584331	09/29/2014	09:40:00		
SM 2340 C-97		Analyzed	CRG 09/29/2014	09:40:00	QCgroup	584331	
N Total Hardness (as CaCO3)		98	mg/L	5.0		02	
		Prepared:	584077	09/26/2014	09:20:00		
SM 4500-CI F-2000		Analyzed	CRG 09/26/2014	09:20:00	QCgroup	584077	
N Cl2 Residual,Total(Lab)Titration		<0.100	mg/L	0.100		01	
		Prepared:	584009	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009	
N Total Coliform Colilert 18		NEGATIVE	in 100 mL			03	
		Prepared:	584010	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010	
N E-coli Colilert-18		NEGATIVE	in 100 mL			03	
		Prepared:		10/02/2014	07:50:00		
Subcontract		Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
z Asbestos-liquid (Electron Micros		See Attached				EMSL Houston	

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Parameter	Results	Units	RL	Flags	CAS	Bottle
1337078 G-21-8001	Level 2 S Break Room				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	13:10:00
EPA 200.7 4.4	Prepared: 583941	Analyzed SAM 09/26/2014	15:45:00		QCgroup	584168
N Total Iron	<0.050 mg/L	0.050		7439-89-6		04
EPA 200.8 5.4	Prepared: 583941	Analyzed WOB 09/26/2014	15:45:00		QCgroup	584142
N Copper	0.116 mg/L	0.001		7440-50-8		04
N Lead	0.000616 mg/L	0.0005		7439-92-1		04
SM 2340 C-97	Prepared: 584331	Analyzed CRG 09/29/2014	09:40:00		QCgroup	584331
N Total Hardness (as CaCO3)	110 mg/L	5.0				02
SM 4500-CI F-2000	Prepared: 584075	Analyzed CRG 09/26/2014	09:30:00		QCgroup	584075
N Cl2 Residual,Total(Lab)Titration	2.05 mg/L	0.100				01
SM 9223 B (Colilert®-18)-97	Prepared: 584009	Analyzed MDM 09/26/2014	09:10:00		QCgroup	584009
N Total Coliform Colilert 18	NEGATIVE in 100 mL					03
SM 9223 B (Colilert®-18)-97	Prepared: 584010	Analyzed MDM 09/26/2014	09:10:00		QCgroup	584010
N E-coli Colilert-18	NEGATIVE in 100 mL					03
Subcontract	Prepared:	10/02/2014	07:50:00			
z Asbestos-liquid (Electron Micros)	See Attached	Analyzed SKL 10/02/2014	07:50:00		QCgroup	EMSL Houston
1337079 F-22-8001	Level 2 S Break Room			Received: 09/25/2014		
Drinking Water	Collected by: Client	Affiliation: Vantage Environments		09/24/2014		13:15:00
EPA 200.7 4.4	Prepared: 584032	Analyzed SAM 09/29/2014	10:45:00		QCgroup	584336
N Total Iron	<0.050 mg/L	0.050		7439-89-6		04
EPA 200.8 5.4	Prepared: 584032	Analyzed WOB 09/26/2014	10:45:00		QCgroup	584184
N Copper	0.0661 mg/L	0.001		7440-50-8		04
N Lead	<0.0005 mg/L	0.0005		7439-92-1		04
SM 2340 C-97	Prepared: 584331	Analyzed CRG 09/29/2014	09:40:00		QCgroup	584331
N Total Hardness (as CaCO3)	110 mg/L	5.0				02
SM 4500-CI F-2000	Prepared: 584075	Analyzed CRG 09/26/2014	09:30:00		QCgroup	584075

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Parameter		Results	Units	RL	Flags	CAS	Bottle
1337079	F-22-8001						
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	13:15:00
SM 4500-CI F-2000				Analyzed	CRG 09/26/2014	09:30:00	QCgroup
N	Cl2 Residual,Total(Lab)Titration	2.25	mg/L	0.100			584075
		Prepared:	584009	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	Total Coliform Colilert 18	NEGATIVE	in 100 mL				584009
		Prepared:	584010	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	E-coli Colilert-18	NEGATIVE	in 100 mL				584010
		Prepared:		10/02/2014		07:50:00	
Subcontract				Analyzed	SKL 10/02/2014	07:50:00	QCgroup
z	Asbestos-liquid (Electron Micros)	See Attached					EMSL Houston
1337080	G-23-8001						
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	13:18:00
EPA 200.7 4.4		Prepared:	584032	09/26/2014		10:45:00	
N	Total Iron	<0.050	mg/L	0.050	SAM 09/29/2014	18:17:31	QCgroup
						7439-89-6	584336
EPA 200.8 5.4		Prepared:	584032	09/26/2014		10:45:00	
N	Copper	0.252	mg/L	0.001	WOB 09/26/2014	19:01:00	QCgroup
N	Lead	0.000608	mg/L	0.0005		7440-50-8	04
		Prepared:	584331	09/29/2014		09:40:00	
SM 2340 C-97				Analyzed	CRG 09/29/2014	09:40:00	QCgroup
N	Total Hardness (as CaCO3)	100	mg/L	5.0			584331
		Prepared:	584075	09/26/2014		09:30:00	
SM 4500-CI F-2000				Analyzed	CRG 09/26/2014	09:30:00	QCgroup
N	Cl2 Residual,Total(Lab)Titration	0.10	mg/L	0.100			584075
		Prepared:	584009	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	Total Coliform Colilert 18	NEGATIVE	in 100 mL				584009
		Prepared:	584010	09/26/2014		09:10:00	
SM 9223 B (Colilert®-18)-97				Analyzed	MDM 09/26/2014	09:10:00	QCgroup
N	E-coli Colilert-18	NEGATIVE	in 100 mL				584010
		Prepared:		10/02/2014		07:50:00	
Subcontract				Analyzed	SKL 10/02/2014	07:50:00	QCgroup
z	Asbestos-liquid (Electron Micros)	See Attached					EMSL Houston

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Results

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1337081 G-25-8101	Level 1 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	13:25:00
EPA 200.7 4.4	Prepared: 584032	09/26/2014			10:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	18:20:56	QCgroup	584336 7439-89-6	04
EPA 200.8 5.4	Prepared: 584032	09/26/2014			10:45:00	
N Copper	Analyzed 0.168 mg/L	WOB 0.001	19:04:00	QCgroup	584184 7440-50-8	04
N Lead	Analyzed <0.0005 mg/L	0.0005	7439-92-1			04
SM 2340 C-97	Prepared: 584331	09/29/2014			09:40:00	
N Total Hardness (as CaCO3)	Analyzed 110 mg/L	CRG 5.0	09:40:00	QCgroup	584331 02	
SM 4500-CI F-2000	Prepared: 584075	09/26/2014			09:30:00	
N Cl2 Residual,Total(Lab)Titration	Analyzed 0.95 mg/L	CRG 0.100	09:30:00	QCgroup	584075 01	
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584009 03	
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09:10:00	QCgroup	584010 03	
Subcontract	Prepared:	10/02/2014			07:50:00	
z Asbestos-liquid (Electron Micros)	See Attached	SKL 10/02/2014	07:50:00	QCgroup	EMSL Houston	
1337082 F-26-8101	Level 1 Water Fountain				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014	13:29:00
EPA 200.7 4.4	Prepared: 584032	09/26/2014			10:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	18:24:24	QCgroup	584336 7439-89-6	04
EPA 200.8 5.4	Prepared: 584032	09/26/2014			10:45:00	
N Copper	Analyzed 0.048 mg/L	WOB 0.001	19:07:00	QCgroup	584184 7440-50-8	04
N Lead	Analyzed <0.0005 mg/L	0.0005	7439-92-1			04
SM 2340 C-97	Prepared: 584331	09/29/2014			09:40:00	
N Total Hardness (as CaCO3)	Analyzed 110 mg/L	CRG 5.0	09:40:00	QCgroup	584331 02	
SM 4500-CI F-2000	Prepared: 584075	09/26/2014			09:30:00	

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Results

Results

Parameter		Results	Units	RL	Flags	CAS	Bottle
1337082	F-26-8101	Level 1 Water Fountain				Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	13:29:00
SM 4500-CI F-2000		Analyzed	CRG 09/26/2014	09:30:00	QCgroup	584075	
N Cl2 Residual,Total(Lab)Titration		mg/L	0.100			01	
	Prepared:	584009	09/26/2014	09:10:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009	
N Total Coliform Colilert 18		NEGATIVE	in 100 mL			03	
	Prepared:	584010	09/26/2014	09:10:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010	
N E-coli Colilert-18		NEGATIVE	in 100 mL			03	
	Prepared:		10/02/2014	07:50:00			
Subcontract		Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
z Asbestos-liquid (Electron Micros)		See Attached				EMSL Houston	
1337083	G-27-8101	Level 2 Breakroom				Received:	09/25/2014
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environmental	09/24/2014	13:36:00
EPA 200.7 4.4		Prepared:	584032	09/26/2014	10:45:00		
N Total Iron		Analyzed	SAM 09/29/2014	18:27:51	QCgroup	584336	
	<0.050	mg/L	0.050		7439-89-6	04	
EPA 200.8 5.4		Prepared:	584032	09/26/2014	10:45:00		
N Copper		Analyzed	WOB 09/26/2014	19:10:00	QCgroup	584184	
N Lead		0.0353	mg/L	0.001	7440-50-8	04	
	<0.0005	mg/L	0.0005		7439-92-1	04	
SM 2340 C-97		Prepared:	584331	09/29/2014	09:40:00		
N Total Hardness (as CaCO3)		Analyzed	CRG 09/29/2014	09:40:00	QCgroup	584331	
	110	mg/L	5.0			02	
SM 4500-CI F-2000		Prepared:	584075	09/26/2014	09:30:00		
N Cl2 Residual,Total(Lab)Titration		Analyzed	CRG 09/26/2014	09:30:00	QCgroup	584075	
	2.40	mg/L	0.100			01	
SM 9223 B (Colilert®-18)-97		Prepared:	584009	09/26/2014	09:10:00		
N Total Coliform Colilert 18		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584009	
	NEGATIVE	in 100 mL				03	
SM 9223 B (Colilert®-18)-97		Prepared:	584010	09/26/2014	09:10:00		
N E-coli Colilert-18		Analyzed	MDM 09/26/2014	09:10:00	QCgroup	584010	
	NEGATIVE	in 100 mL				03	
Subcontract		Prepared:		10/02/2014	07:50:00		
z Asbestos-liquid (Electron Micros)		Analyzed	SKL 10/02/2014	07:50:00	QCgroup		
	See Attached					EMSL Houston	

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Results

Results

Parameter	Results	Units	RL	Flags	CAS	Bottle
1337084 F-28-8101	Level 2 Breakroom				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014 13:40:00	
EPA 200.7 4.4	Prepared: 584032	09/26/2014			10:45:00	
N Total Iron	Analyzed <0.050 mg/L	SAM 0.050	09/29/2014	18:39:50	QCgroup 7439-89-6	584336 04
EPA 200.8 5.4	Prepared: 584032	09/26/2014			10:45:00	
N Copper	Analyzed 0.0324 mg/L	WOB 0.001	09/26/2014	19:13:00	QCgroup 7440-50-8	584184 04
N Lead	Analyzed <0.0005 mg/L	0.0005			7439-92-1	04
SM 2340 C-97	Prepared: 584331	09/29/2014			09:40:00	
N Total Hardness (as CaCO3)	Analyzed 110 mg/L	CRG 5.0	09/29/2014	09:40:00	QCgroup	584331 02
SM 4500-CI F-2000	Prepared: 584075	09/26/2014			09:30:00	
N Cl2 Residual,Total(Lab)Titration	Analyzed 2.55 mg/L	CRG 0.100	09/26/2014	09:30:00	QCgroup	584075 01
SM 9223 B (Colilert®-18)-97	Prepared: 584009	09/26/2014			09:10:00	
N Total Coliform Colilert 18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09/26/2014	09:10:00	QCgroup	584009 03
SM 9223 B (Colilert®-18)-97	Prepared: 584010	09/26/2014			09:10:00	
N E-coli Colilert-18	Analyzed NEGATIVE in 100 mL	MDM 09/26/2014	09/26/2014	09:10:00	QCgroup	584010 03
Subcontract	Prepared:	10/02/2014			07:50:00	
z Asbestos-liquid (Electron Micros)	See Attached	SKL 10/02/2014			07:50:00	QCgroup EMSL Houston
1337085 F-02-7701	Level 8 Break Room				Received: 09/25/2014	
Drinking Water	Collected by: Client	Affiliation: Vantage Environments			09/24/2014 11:14:00	
EPA 200.7 4.4	Prepared: 584032	09/26/2014			10:45:00	
N Total Iron	Analyzed <0.050 mg/L	0.050	09/29/2014	18:43:17	QCgroup 7439-89-6	584336 04
EPA 200.8 5.4	Prepared: 584032	09/26/2014			10:45:00	
N Copper	Analyzed 0.232 mg/L	0.001	09/26/2014	19:16:00	QCgroup 7440-50-8	584184 04
N Lead	Analyzed 0.00125 mg/L	0.0005			7439-92-1	04
SM 2340 C-97	Prepared: 584331	09/29/2014			09:40:00	
N Total Hardness (as CaCO3)	Analyzed 100 mg/L	CRG 5.0	09/29/2014	09:40:00	QCgroup	584331 02
SM 4500-CI F-2000	Prepared: 584075	09/26/2014			09:30:00	

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Results

Results

Parameter		Results	Units	RL	Flags	CAS	Bottle
1337085	F-02-7701						
Drinking Water		Collected by:	Client	Affiliation:	Vantage Environments	09/24/2014	11:14:00
SM 4500-CI F-2000		Analyzed	CRG	09/26/2014	09:30:00	QCgroup	584075
N Cl2 Residual,Total(Lab)Titration		0.10	mg/L	0.100		01	
		Prepared:	584009	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/26/2014	09:10:00	QCgroup	584009
N Total Coliform Colilert 18		NEGATIVE	in 100 mL			03	
		Prepared:	584010	09/26/2014	09:10:00		
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/26/2014	09:10:00	QCgroup	584010
N E-coli Colilert-18		NEGATIVE	in 100 mL			03	
		Prepared:		10/02/2014	07:50:00		
Subcontract		Analyzed	SKL	10/02/2014	07:50:00	QCgroup	
z Asbestos-liquid (Electron Micros)		See Attached				EMSL Houston	

Sample Preparation

1337058	G-01-7701	Level 8 Break Room	Received:	09/25/2014
		Prepared:	09/25/2014	11:11:48
		Analyzed	09/25/2014	11:11:48
z	Bottle pH	<2	SU	QCgroup 02
		Prepared:	583941	09/25/2014
EPA 200.2 2.8		Analyzed	TES	09/25/2014
N	Liquid Metals Digestion	50/50	ml	15:45:00 QCgroup 583941 02
		Prepared:	584000	09/25/2014
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/25/2014
N	Total Coliform Set Started	STARTED		14:50:00 QCgroup 584000 03

1337060	G-03-7701	Level 6 Break Room	Received:	09/25/2014
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		Prepared:	09/25/2014	11:11:51
		Analyzed	09/25/2014	11:11:51
z	Bottle pH	<2	SU	QCgroup 02
		Prepared:	583941	09/25/2014
EPA 200.2 2.8		Analyzed	TES	09/25/2014
N	Liquid Metals Digestion	50/50	ml	15:45:00 QCgroup 583941 02
		Prepared:	584000	09/25/2014
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/25/2014

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Results

Sample Preparation

1337060 G-03-7701

Level 6 Break Room

Received: 09/25/2014

SM 9223 B (Colilert®-18)-97

N Total Coliform Set Started

STARTED

Analyzed

MDM 09/25/2014

14:50:00 QCgroup

584000

03

1337061 F-04-7701

Level 6 Break Room

Received: 09/25/2014

1337062 G-05-7701

Level 4 Break Room

Received: 09/25/2014

z Bottle pH

Prepared:

<2

09/25/2014

11:11:53

Analyzed

09/25/2014

11:11:53 QCgroup

02

EPA 200.2 2.8

N Liquid Metals Digestion

50/50

ml

583941

09/25/2014

15:45:00

SM 9223 B (Colilert®-18)-97

N Total Coliform Set Started

STARTED

Analyzed

MDM 09/25/2014

14:50:00 QCgroup

584000

03

1337063 F-06-7701

Level 4 Break Room

Received: 09/25/2014

z Bottle pH

Prepared:

<2

09/25/2014

11:11:54

Analyzed

09/25/2014

11:11:54 QCgroup

02

EPA 200.2 2.8

N Liquid Metals Digestion

50/50

ml

583941

09/25/2014

15:45:00

SM 9223 B (Colilert®-18)-97

N Total Coliform Set Started

STARTED

Analyzed

MDM 09/25/2014

14:50:00 QCgroup

584000

03

1337063 F-06-7701

Level 4 Break Room

Received: 09/25/2014

z Bottle pH

Prepared:

<2

09/25/2014

11:11:56

Analyzed

09/25/2014

11:11:56 QCgroup

02

EPA 200.2 2.8

N Liquid Metals Digestion

50/50

ml

583941

09/25/2014

15:45:00

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Results

Sample Preparation

1337063 F-06-7701

Level 4 Break Room

Received: 09/25/2014

SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014	14:50:00		
N Total Coliform Set Started		STARTED	Analyzed MDM 09/25/2014	14:50:00 QCgroup	584000	03

1337064 G-07-7701	Prepared:	584000	09/25/2014	14:50:00		
		STARTED	Analyzed MDM 09/25/2014	14:50:00 QCgroup	584000	03

z Bottle pH	Prepared:	<2	09/25/2014	11:11:57		
		SU	Analyzed 09/25/2014	11:11:57 QCgroup	583941	02

EPA 200.2 2.8	Prepared:	583941	09/25/2014	15:45:00		
N Liquid Metals Digestion		50/50	Analyzed TES 09/25/2014	15:45:00 QCgroup	583941	02

SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014	14:50:00		
N Total Coliform Set Started		STARTED	Analyzed MDM 09/25/2014	14:50:00 QCgroup	584000	03

1337065 F-08-7701	Prepared:	584000	09/25/2014	14:50:00		
		STARTED	Analyzed MDM 09/25/2014	14:50:00 QCgroup	584000	03

z Bottle pH	Prepared:	<2	09/25/2014	11:11:59		
		SU	Analyzed 09/25/2014	11:11:59 QCgroup	583941	02

EPA 200.2 2.8	Prepared:	583941	09/25/2014	15:45:00		
N Liquid Metals Digestion		50/50	Analyzed TES 09/25/2014	15:45:00 QCgroup	583941	02

SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014	14:50:00		
N Total Coliform Set Started		STARTED	Analyzed MDM 09/25/2014	14:50:00 QCgroup	584000	03

1337066 G-09-7701	Prepared:	584000	09/25/2014	14:50:00		
		STARTED	Analyzed MDM 09/25/2014	14:50:00 QCgroup	584000	03

z Bottle pH	Prepared:	<2	09/25/2014	11:12:00		
		SU	Analyzed 09/25/2014	11:12:00 QCgroup	583941	02

EPA 200.2 2.8	Prepared:	583941	09/25/2014	15:45:00		
		STARTED	Analyzed TES 09/25/2014	15:45:00 QCgroup	583941	02

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Results

Sample Preparation

1337066 G-09-7701

Level 7 Water Fountain

Received: 09/25/2014

EPA 200.2 2.8		Analyzed	TES	09/25/2014	15:45:00	QCgroup	583941
N	Liquid Metals Digestion	50/50	ml				02

	Prepared:	584000	09/25/2014	14:50:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/25/2014	14:50:00	QCgroup	584000
N	Total Coliform Set Started	STARTED					03

1337067 F-10-7701

Level 7 Water Fountain

Received: 09/25/2014

	Prepared:		09/25/2014	11:12:02			
z	Bottle pH	<2	SU	09/25/2014	11:12:02	QCgroup	02

	Prepared:	583941	09/25/2014	15:45:00			
EPA 200.2 2.8		Analyzed	TES	09/25/2014	15:45:00	QCgroup	583941
N	Liquid Metals Digestion	50/50	ml				02

	Prepared:	584000	09/25/2014	14:50:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/25/2014	14:50:00	QCgroup	584000
N	Total Coliform Set Started	STARTED					03

1337068 G-11-7701

Level 5 Water Fountain

Received: 09/25/2014

	Prepared:		09/25/2014	11:12:04			
z	Bottle pH	<2	SU	09/25/2014	11:12:04	QCgroup	02

	Prepared:	583941	09/25/2014	15:45:00			
EPA 200.2 2.8		Analyzed	TES	09/25/2014	15:45:00	QCgroup	583941
N	Liquid Metals Digestion	50/50	ml				02

	Prepared:	584000	09/25/2014	14:50:00			
SM 9223 B (Colilert®-18)-97		Analyzed	MDM	09/25/2014	14:50:00	QCgroup	584000
N	Total Coliform Set Started	STARTED					03

1337069 F-12-7701

Level 5 Water Fountain

Received: 09/25/2014

	Prepared:		09/25/2014	11:12:05			
z	Bottle pH	<2	SU	09/25/2014	11:12:05	QCgroup	02



Results

Sample Preparation

1337069 F-12-7701

Level 5 Water Fountain

Received: 09/25/2014

EPA 200.2 2.8	Prepared:	583941	09/25/2014	15:45:00	
N Liquid Metals Digestion	Analyzed	TES 09/25/2014	15:45:00	QCgroup	583941
	50/50	ml		02	

SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014	14:50:00	
N Total Coliform Set Started	Analyzed	MDM 09/25/2014	14:50:00	QCgroup	584000
	STARTED			03	

1337070 G-13-7701

Level 3 Water Fountain

Received: 09/25/2014

z Bottle pH	Prepared:	<2	09/25/2014	11:12:07		
	Analyzed	SU	09/25/2014	11:12:07	QCgroup	02

EPA 200.2 2.8	Prepared:	583941	09/25/2014	15:45:00	
N Liquid Metals Digestion	Analyzed	TES 09/25/2014	15:45:00	QCgroup	583941
	50/50	ml		02	

SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014	14:50:00	
N Total Coliform Set Started	Analyzed	MDM 09/25/2014	14:50:00	QCgroup	584000
	STARTED			03	

1337071 F-14-7701

Level 3 Water Fountain

Received: 09/25/2014

z Bottle pH	Prepared:	<2	09/25/2014	11:12:08		
	Analyzed	SU	09/25/2014	11:12:08	QCgroup	02

EPA 200.2 2.8	Prepared:	583941	09/25/2014	15:45:00	
N Liquid Metals Digestion	Analyzed	TES 09/25/2014	15:45:00	QCgroup	583941
	50/50	ml		02	

SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014	14:50:00	
N Total Coliform Set Started	Analyzed	MDM 09/25/2014	14:50:00	QCgroup	584000
	STARTED			03	

1337072 G-15-7701

Level 1 Water Fountain

Received: 09/25/2014

	Prepared:		09/25/2014	11:12:09	
	Analyzed		09/25/2014	11:12:09	QCgroup



Results

Sample Preparation

1337072 G-15-7701

Level 1 Water Fountain

Received: 09/25/2014

			Analyzed	09/25/2014	11:12:09	QCgroup	
z	Bottle pH	<2	SU			02	
		Prepared:	583941	09/25/2014	15:45:00		
EPA 200.2 2.8			Analyzed	TES 09/25/2014	15:45:00	QCgroup	583941
N	Liquid Metals Digestion	50/50	ml			02	
		Prepared:	584000	09/25/2014	14:50:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/25/2014	14:50:00	QCgroup	584000
N	Total Coliform Set Started	STARTED				03	

1337073 F-16-7701

Level 1 Water Fountain

Received: 09/25/2014

			Prepared:	09/25/2014	11:12:11	QCgroup	
z	Bottle pH	<2	SU			02	
		Prepared:	583941	09/25/2014	15:45:00		
EPA 200.2 2.8			Analyzed	TES 09/25/2014	15:45:00	QCgroup	583941
N	Liquid Metals Digestion	50/50	ml			02	
		Prepared:	584000	09/25/2014	14:50:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/25/2014	14:50:00	QCgroup	584000
N	Total Coliform Set Started	STARTED				03	

1337074 G-17-8001

Level 1-N Break Room

Received: 09/25/2014

			Prepared:	09/25/2014	11:12:12	QCgroup	
z	Bottle pH	<2	SU			02	
		Prepared:	583941	09/25/2014	15:45:00		
EPA 200.2 2.8			Analyzed	TES 09/25/2014	15:45:00	QCgroup	583941
N	Liquid Metals Digestion	50/50	ml			02	
		Prepared:	584000	09/25/2014	14:50:00		
SM 9223 B (Colilert®-18)-97			Analyzed	MDM 09/25/2014	14:50:00	QCgroup	584000
N	Total Coliform Set Started	STARTED				03	

1337075 F-18-8001

Level 1-N Break Room

Received: 09/25/2014



Results

Sample Preparation

1337075 F-18-8001

Level 1-N Break Room

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:13	
z	Bottle pH	<2	Analyzed	09/25/2014	11:12:13	QCgroup
	EPA 200.2 2.8	583941			15:45:00	
N	Liquid Metals Digestion	50/50	ml			583941
	SM 9223 B (Colilert®-18)-97	584000			14:50:00	
N	Total Coliform Set Started	STARTED				02

1337076 G-19-8001

Level 1 Central Water Fountain

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:15	
z	Bottle pH	<2	Analyzed	09/25/2014	11:12:15	QCgroup
	EPA 200.2 2.8	583941			15:45:00	
N	Liquid Metals Digestion	50/50	ml			583941
	SM 9223 B (Colilert®-18)-97	584000			14:50:00	
N	Total Coliform Set Started	STARTED				03

1337077 G-20-8001

Level 1 Central Water Fountain

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:16	
z	Bottle pH	<2	Analyzed	09/25/2014	11:12:16	QCgroup
	EPA 200.2 2.8	583941			15:45:00	
N	Liquid Metals Digestion	50/50	ml			583941
	SM 9223 B (Colilert®-18)-97	584000			14:50:00	
N	Total Coliform Set Started	STARTED				03



Results

Sample Preparation

1337078 G-21-8001

Level 2 S Break Room

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:18	
z	Bottle pH	<2	Analyzed	09/25/2014	11:12:18	QCgroup
	EPA 200.2 2.8	583941			15:45:00	
N	Liquid Metals Digestion	50/50	ml			583941
	SM 9223 B (Colilert®-18)-97	584000			14:50:00	
N	Total Coliform Set Started	STARTED				02

1337079 F-22-8001

Level 2 S Break Room

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:19	
z	Bottle pH	<2	Analyzed	09/25/2014	11:12:19	QCgroup
	EPA 200.2 2.8	584032			10:45:00	
N	Liquid Metals Digestion	50/50	ml			584032
	SM 9223 B (Colilert®-18)-97	584000			14:50:00	
N	Total Coliform Set Started	STARTED				03

1337080 G-23-8001

Level 2 N Water Fountain

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:20	
z	Bottle pH	<2	Analyzed	09/25/2014	11:12:20	QCgroup
	EPA 200.2 2.8	584032			10:45:00	
N	Liquid Metals Digestion	50/50	ml			584032
	SM 9223 B (Colilert®-18)-97	584000			14:50:00	
N	Total Coliform Set Started	STARTED				03



Results

Sample Preparation

1337081 G-25-8101

Level 1 Water Fountain

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:21	
z	Bottle pH	<2	Analyzed	09/25/2014	QCgroup	
					SU	02
EPA 200.2 2.8	Liquid Metals Digestion	584032	09/26/2014		10:45:00	
N		50/50	Analyzed	TES 09/26/2014	10:45:00	QCgroup 584032
SM 9223 B (Colilert®-18)-97	Total Coliform Set Started	584000	09/25/2014		14:50:00	
N		STARTED	Analyzed	MDM 09/25/2014	14:50:00	QCgroup 584000
						03

1337082 F-26-8101

Level 1 Water Fountain

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:23	
z	Bottle pH	<2	Analyzed	09/25/2014	QCgroup	
					SU	02
EPA 200.2 2.8	Liquid Metals Digestion	584032	09/26/2014		10:45:00	
N		50/50	Analyzed	TES 09/26/2014	10:45:00	QCgroup 584032
SM 9223 B (Colilert®-18)-97	Total Coliform Set Started	584000	09/25/2014		14:50:00	
N		STARTED	Analyzed	MDM 09/25/2014	14:50:00	QCgroup 584000
						03

1337083 G-27-8101

Level 2 Breakroom

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:24	
z	Bottle pH	<2	Analyzed	09/25/2014	QCgroup	
					SU	02
EPA 200.2 2.8	Liquid Metals Digestion	584032	09/26/2014		10:45:00	
N		50/50	Analyzed	TES 09/26/2014	10:45:00	QCgroup 584032
SM 9223 B (Colilert®-18)-97	Total Coliform Set Started	584000	09/25/2014		14:50:00	
N		STARTED	Analyzed	MDM 09/25/2014	14:50:00	QCgroup 584000
						03



Results

Sample Preparation

1337084 F-28-8101

Level 2 Breakroom

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:25	
			Analyzed	09/25/2014	11:12:25	QCgroup
z	Bottle pH	<2	SU			02
EPA 200.2 2.8	Prepared:	584032	09/26/2014		10:45:00	
N	Liquid Metals Digestion	50/50	ml	Analyzed TES 09/26/2014	10:45:00	QCgroup 584032
SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014		14:50:00	
N	Total Coliform Set Started	STARTED		Analyzed MDM 09/25/2014	14:50:00	QCgroup 584000
						03

1337085 F-02-7701

Level 8 Break Room

Received: 09/25/2014

		Prepared:	09/25/2014		11:12:27	
			Analyzed	09/25/2014	11:12:27	QCgroup
z	Bottle pH	<2	SU			02
EPA 200.2 2.8	Prepared:	584032	09/26/2014		10:45:00	
N	Liquid Metals Digestion	50/50	ml	Analyzed TES 09/26/2014	10:45:00	QCgroup 584032
SM 9223 B (Colilert®-18)-97	Prepared:	584000	09/25/2014		14:50:00	
N	Total Coliform Set Started	STARTED		Analyzed MDM 09/25/2014	14:50:00	QCgroup 584000
						03



Results

Qualifiers:

We report results on an 'As Received' or wet basis unless marked 'Dry Weight'. Unless otherwise noted, testing was performed at Ana-lab's corporate laboratory that holds the following Federal and State certificates: Texas Department of Health Lead Firm Certificate 2110076, US Department of Agriculture Soil Import Permit S-37592, Texas Commission on Environmental Quality Drinking Water Laboratory Certificate TX219, Texas Commission on Environmental Quality NELAP T104704201, Oklahoma Department of Environmental Quality Drinking Water Certification Lab ID# D9913, EPA Lab Number TX00063, USEPA Approved Perchlorate Testing Lab, Oklahoma Department of Environmental Quality Laboratory Certificate 8125, Arkansas Department of Environmental Quality Certification #03-070-0, Louisiana Department of Environmental Quality Laboratory Certification (NELAP, LELAP) #02008, Louisiana Department of Health and Hospitals Drinking Water (NELAP) # LA030020, US Department of Energy Approved, State of Kansas Department of Health and Environment Waste Water and Solid/Hazardous Waste Cert. E-10365. The Accredited column designates accreditation by N -- NELAC, or z -- not covered under NELAC scope of accreditation.

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of Ana-Lab Corp. Unless otherwise specified, these test results meet the requirements of NELAC.

RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number.

C. H. Whiteside, Ph.D., President



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Report To

Kristi Warrington
Vantage Environmental Services
15851 Dallas Parkway
Suite 600
Addison, TX 75001

DW

Account

PRIM -N

Project

670309

584009 Drinking Water

SM 9223 B (Colilert®-18)-97

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	Out	File
P. aeruginosa	584000	NEGATIVE	NEGATIVE	in 100 mL	-	-	-	114826115
Standard E. coli	584000	POSITIVE	POSITIVE	in 100 mL	-	-	-	114826117
Standard K.pneumoniae	584000	POSITIVE	POSITIVE	in 100 mL	-	-	-	114826116

584010 Drinking Water

SM 9223 B (Colilert®-18)-97

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	Out	File
P. aeruginosa	584000	NEGATIVE	NEGATIVE	in 100 mL	-	-	-	114826184
Standard E. coli	584000	POSITIVE	POSITIVE	in 100 mL	-	-	-	114826186
Standard K.pneumoniae	584000	NEGATIVE	NEGATIVE	in 100 mL	-	-	-	114826185

584142 Drinking Water

EPA 200.8 5.4

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units		File
Copper	583941	ND	0.000425	0.001	mg/L		114829357
Lead	583941	ND	0.000227	0.0005	mg/L		114829357

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Copper	0.0486	0.05	mg/L	97.2	90.0 - 110	-	114829338
Copper	0.0473	0.05	mg/L	94.6	90.0 - 110	-	114829342
Copper	0.0474	0.05	mg/L	94.8	90.0 - 110	-	114829343
Copper	0.0497	0.05	mg/L	99.4	90.0 - 110	-	114829354
Copper	0.0481	0.05	mg/L	96.2	90.0 - 110	-	114829364
Copper	0.0479	0.05	mg/L	95.8	90.0 - 110	-	114829375
Copper	0.048	0.05	mg/L	96.0	90.0 - 110	-	114829386
Copper	0.0492	0.05	mg/L	98.4	90.0 - 110	-	114829396
Copper	0.0487	0.05	mg/L	97.4	90.0 - 110	-	114829400
Lead	0.0489	0.05	mg/L	97.8	90.0 - 110	-	114829338
Lead	0.049	0.05	mg/L	98.0	90.0 - 110	-	114829342
Lead	0.0496	0.05	mg/L	99.2	90.0 - 110	-	114829343
Lead	0.049	0.05	mg/L	98.0	90.0 - 110	-	114829354
Lead	0.0488	0.05	mg/L	97.6	90.0 - 110	-	114829364
Lead	0.0491	0.05	mg/L	98.2	90.0 - 110	-	114829375
Lead	0.0495	0.05	mg/L	99.0	90.0 - 110	-	114829386
Lead	0.049	0.05	mg/L	98.0	90.0 - 110	-	114829396
Lead	0.0488	0.05	mg/L	97.6	90.0 - 110	-	114829400

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	Out	File
Copper	0.0504	0.05	mg/L	101	90.0 - 110	-	114829335

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ICV

<u>Parameter</u>		Reading	Known	Units	Recover%	Limits%	Out	File			
Lead		0.052	0.05	mg/L	104	90.0 - 110		114829335			
LCS											
<u>Parameter</u>	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out			
Copper	583941	0.502	0.500	mg/L	100	85.0 - 115	114829358				
Lead	583941	0.513	0.500	mg/L	103	85.0 - 115	114829358				
LCS Dup											
<u>Parameter</u>	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%	
Copper	583941	0.502	0.495	0.500	85.0 - 115	100	99.1	mg/L	1.40	20.0	
Lead	583941	0.513	0.513	0.500	85.0 - 115	103	103	mg/L	0	20.0	
MS											
<u>Parameter</u>	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Copper	1337058	0.931	0	0.449	0.500	70.0 - 130	96.4		mg/L		20.0
Lead	1337058	0.503	0	0.0019	0.500	70.0 - 130	100		mg/L		20.0
Copper	1337069	0.534	0	0.0614	0.500	70.0 - 130	94.5		mg/L		20.0
Lead	1337069	0.496	0	0.00082	0.500	70.0 - 130	99.0		mg/L		20.0
MSD											
<u>Parameter</u>	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Copper	1337058	0.931	0.917	0.449	0.500	70.0 - 130	96.4	93.6	mg/L	2.95	20.0
Lead	1337058	0.503	0.504	0.0019	0.500	70.0 - 130	100	100	mg/L	0	20.0
Copper	1337069	0.534	0.539	0.0614	0.500	70.0 - 130	94.5	95.5	mg/L	1.05	20.0
Lead	1337069	0.496	0.503	0.00082	0.500	70.0 - 130	99.0	100	mg/L	1.01	20.0

584168 Drinking Water

EPA 200.7 4.4

Blank

<u>Parameter</u>	PrepSet	Reading	MDL	MQL	Units	File
Total Iron	583941	ND	0.00869	0.050	mg/L	114830107

CCV

<u>Parameter</u>	Reading	Known	Units	Recover%	Limits%	Out	File
Total Iron	2.45	2.50	mg/L	98.0	90.0 - 110		114830093
Total Iron	2.47	2.50	mg/L	98.8	90.0 - 110		114830104
Total Iron	2.47	2.50	mg/L	98.8	90.0 - 110		114830114
Total Iron	2.45	2.50	mg/L	98.0	90.0 - 110		114830125
Total Iron	2.45	2.50	mg/L	98.0	90.0 - 110		114830136

ICL

<u>Parameter</u>	Reading	Known	Units	Recover%	Limits%	Out	File
Total Iron	5.03	5.00	mg/L	101	95.0 - 105		114830088

ICV

<u>Parameter</u>	Reading	Known	Units	Recover%	Limits%	Out	File
Total Iron	2.48	2.50	mg/L	99.2	90.0 - 110		114830092

LCS

<u>Parameter</u>	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Total Iron	583941	0.490	0.500	mg/L	98.0	85.0 - 115	114830108	

LCS Dup

<u>Parameter</u>	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Iron	583941	0.490	0.489	0.500	85.0 - 115	98.0	97.8	mg/L	0.204	25.0

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MS

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Total Iron	1337058	0.488	0	ND	0.500	75.0 - 125	97.6		mg/L	25.0	
Total Iron	1337069	0.498	0	ND	0.500	75.0 - 125	99.6		mg/L	25.0	

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Total Iron	1337058	0.488	0.481	ND	0.500	75.0 - 125	97.6	96.2	mg/L	1.44	25.0
Total Iron	1337069	0.498	0.506	ND	0.500	75.0 - 125	99.6	101	mg/L	1.40	25.0

584184 Drinking Water

EPA 200.8 5.4

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Copper	584032	ND	0.000425	0.001	mg/L	114830890
Lead	584032	ND	0.000227	0.0005	mg/L	114830890

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>Out</u>	<u>File</u>
Copper	0.048	0.05	mg/L	96.0	90.0 - 110		114830863
Copper	0.0492	0.05	mg/L	98.4	90.0 - 110		114830870
Copper	0.0487	0.05	mg/L	97.4	90.0 - 110		114830871
Copper	0.0491	0.05	mg/L	98.2	90.0 - 110		114830882
Copper	0.0486	0.05	mg/L	97.2	90.0 - 110		114830891
Copper	0.0478	0.05	mg/L	95.6	90.0 - 110		114830898
Copper	0.0483	0.05	mg/L	96.6	90.0 - 110		114830909
Copper	0.0482	0.05	mg/L	96.4	90.0 - 110		114830919
Copper	0.0492	0.05	mg/L	98.4	90.0 - 110		114830929
Lead	0.0495	0.05	mg/L	99.0	90.0 - 110		114830863
Lead	0.049	0.05	mg/L	98.0	90.0 - 110		114830870
Lead	0.0488	0.05	mg/L	97.6	90.0 - 110		114830871
Lead	0.0484	0.05	mg/L	96.8	90.0 - 110		114830882
Lead	0.0489	0.05	mg/L	97.8	90.0 - 110		114830891
Lead	0.0487	0.05	mg/L	97.4	90.0 - 110		114830898
Lead	0.0488	0.05	mg/L	97.6	90.0 - 110		114830909
Lead	0.0493	0.05	mg/L	98.6	90.0 - 110		114830919
Lead	0.0486	0.05	mg/L	97.2	90.0 - 110		114830929

ICV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>Out</u>	<u>File</u>
Copper	0.0504	0.05	mg/L	101	90.0 - 110		114830860
Lead	0.052	0.05	mg/L	104	90.0 - 110		114830860

LCS

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits</u>	<u>File</u>	<u>Out</u>
Copper	584032	0.499	0.500	mg/L	99.8	85.0 - 115	114830892	
Lead	584032	0.515	0.500	mg/L	103	85.0 - 115	114830892	

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Copper	584032	0.499	0.498	0.500	85.0 - 115	99.8	99.5	mg/L	0.201	20.0
Lead	584032	0.515	0.518	0.500	85.0 - 115	103	104	mg/L	0.581	20.0

MS

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Copper	1336704	0.488	0	0.000653	0.500	70.0 - 130	97.6		mg/L	20.0	

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MS

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Lead	1336704	0.504	0	ND	0.500	70.0 - 130	101		mg/L	20.0	
Copper	1337079	0.552	0	0.0661	0.500	70.0 - 130	97.2		mg/L	20.0	
Lead	1337079	0.505	0	0.000318	0.500	70.0 - 130	101		mg/L	20.0	

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Copper	1336704	0.488	0.492	0.000653	0.500	70.0 - 130	97.6	98.4	mg/L	0.816	20.0
Lead	1336704	0.504	0.508	ND	0.500	70.0 - 130	101	102	mg/L	0.985	20.0
Copper	1337079	0.552	0.550	0.0661	0.500	70.0 - 130	97.2	96.8	mg/L	0.412	20.0
Lead	1337079	0.505	0.507	0.000318	0.500	70.0 - 130	101	101	mg/L	0	20.0

584336 Drinking Water

EPA 200.7 4.4

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
Total Iron	584032	ND	0.0183	0.050	mg/L	114834716

CCV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>Out</u>	<u>File</u>
Total Iron	2.62	2.50	mg/L	105	90.0 - 110		114834707
Total Iron	2.63	2.50	mg/L	105	90.0 - 110		114834717
Total Iron	2.60	2.50	mg/L	104	90.0 - 110		114834720
Total Iron	2.68	2.50	mg/L	107	90.0 - 110		114834731
Total Iron	2.68	2.50	mg/L	107	90.0 - 110		114834737

ICL

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>Out</u>	<u>File</u>
Total Iron	4.98	5.00	mg/L	99.6	95.0 - 105		114834702

ICV

<u>Parameter</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits%</u>	<u>Out</u>	<u>File</u>
Total Iron	2.50	2.50	mg/L	100	90.0 - 110		114834706

LCS

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits</u>	<u>File</u>	<u>Out</u>
Total Iron	584032	0.529	0.500	mg/L	106	85.0 - 115	114834718	

LCS Dup

<u>Parameter</u>	<u>PrepSet</u>	<u>LCS</u>	<u>LCSD</u>	<u>Known</u>	<u>Limits%</u>	<u>LCS%</u>	<u>LCSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Total Iron	584032	0.529	0.536	0.500	85.0 - 115	106	107	mg/L	1.31	25.0

MS

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Total Iron	1336704	0.605	0	0.0373	0.500	75.0 - 125	121		mg/L	25.0	
Total Iron	1337079	0.556	0	ND	0.500	75.0 - 125	111		mg/L	25.0	

MSD

<u>Parameter</u>	<u>Sample</u>	<u>MS</u>	<u>MSD</u>	<u>UNK</u>	<u>Known</u>	<u>Limits</u>	<u>MS%</u>	<u>MSD%</u>	<u>Units</u>	<u>RPD</u>	<u>Limit%</u>
Total Iron	1336704	0.605	0.610	0.0373	0.500	75.0 - 125	121	122	mg/L	0.823	25.0
Total Iron	1337079	0.556	0.551	ND	0.500	75.0 - 125	111	110	mg/L	0.905	25.0

583979 Drinking Water

SM 4500-Cl F-2000

Blank

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>MDL</u>	<u>MQL</u>	<u>Units</u>	<u>File</u>
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Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

North Texas Region: 11105 Shady Trl Ste. 123 Dallas TX 75229-7633



NELAP-accredited #T104704201



Quality Control

Printed 10/02/2014

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Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Cl2 Residual,Total(Lab)Titration	583979	ND	0.100	0.100	mg/L	114825179

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Cl2 Residual,Total(Lab)Titration	1336725	Duplicate	2.15	2.25	mg/L	4.55	20.0

584075 Drinking Water

SM 4500-CI F-2000

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Cl2 Residual,Total(Lab)Titration	584075	ND	0.100	0.100	mg/L	114827598

584077 Drinking Water

SM 4500-CI F-2000

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Cl2 Residual,Total(Lab)Titration	584077	ND	0.100	0.100	mg/L	114827615

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Cl2 Residual,Total(Lab)Titration	1337076	Duplicate	ND	ND	mg/L	20.0	20.0

584296 Drinking Water

SM 2340 C-97

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Hardness (as CaCO3)	584296	ND	5.0	5.0	mg/L	114833722

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Total Hardness (as CaCO3)	1337058	Duplicate	97	98	mg/L	1.03	20
Total Hardness (as CaCO3)	1337066	Duplicate	96	100	mg/L	4.08	20

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File	Out
Total Hardness (as CaCO3)	584296	1000	1000	mg/L	100	90 - 110	114833723	

Mat. Spike

Parameter	Sample	Spike	Unknown Known	Units	Recovery %	Limits %	File	
Total Hardness (as CaCO3)	1337058	110	98	10	mg/L	120	70 - 130	114833726
Total Hardness (as CaCO3)	1337066	110	100	10	mg/L	100	70 - 130	114833738

584331 Drinking Water

SM 2340 C-97

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Hardness (as CaCO3)	584331	ND	5.0	5.0	mg/L	114834616

Duplicate

Parameter	Sample	Type	Result	Unknown	Unit	RPD	Limit%
Total Hardness (as CaCO3)	1336725	Duplicate	53	52	mg/L	1.90	20
Total Hardness (as CaCO3)	1337075	Duplicate	110	110	mg/L	0	20





Quality Control

Printed 10/02/2014

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LCS

<u>Parameter</u>	<u>PrepSet</u>	<u>Reading</u>	<u>Known</u>	<u>Units</u>	<u>Recover%</u>	<u>Limits</u>	<u>File</u>	<u>Out</u>
Total Hardness (as CaCO3)	584331	1000	1000	mg/L	100	90 - 110	114834617	

Mat. Spike

<u>Parameter</u>	<u>Sample</u>	<u>Spike</u>	<u>Unknown Known</u>	<u>Units</u>	<u>Recovery %</u>	<u>Limits %</u>	<u>File</u>	
Total Hardness (as CaCO3)	1336725	63	52	10	mg/L	110	70 - 130	114834632
Total Hardness (as CaCO3)	1337075	120	110	10	mg/L	100	70 - 130	114834620

RPD is Relative Percent Difference: $\text{abs}(r1-r2) / \text{mean}(r1,r2) * 100\%$

Recover% is Recovery Percent: result / known * 100%

Blank - Method Blank; LCS - Laboratory Control Sample; CCV - Continuing Calibration Verification; MS - Matrix Spike; ICV - Initial Calibration Verification

1 of 5

670309 CoC Print Group 002 of 002



EMSL Analytical, Inc.
 8700 Jameel Road, Suite 190 Houston, TX 77040
 Phone/Fax: (713) 686-3635 / (713) 686-3645
<http://www.EMSL.com> / houstonlab@emsl.com

EMSL Order ID: 151405034
 Customer ID: ANAL52
 Customer PO:
 Project ID:

Attn: Skeeter Ludewig
 ANA Lab. Corp.
 PO Box 9000
 Kilgore, TX 75663-9000

Phone: (903) 984-0551
 Fax: (903) 984-5914
 Collected: 09/24/2014
 Received: 09/25/2014
 Analyzed: 10/01/2014

Proj:

Test Report: Determination of Asbestos Structures >10µm in Drinking Water
Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm ²)	Area Analyzed (mm ²)	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
A-G-01-7701 151405034-0001	9/25/2014 04:02 PM	100	1295	0.0762	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-02-01 151405034-0002	9/25/2014 04:03 PM	100	1295	0.0762	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-03-7701 151405034-0003	9/25/2014 04:06 PM	100	1295	0.0762	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-04-7701 151405034-0004	9/25/2014 04:07 PM	100	1295	0.0762	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-05-7701 151405034-0005	9/25/2014 04:11 PM	100	1295	0.0762	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-06-7701 151405034-0006	9/25/2014 04:11 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-07-7701 151405034-0007	9/25/2014 04:16 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-08-7701 151405034-0008	9/25/2014 04:16 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-09-7701 151405034-0009	9/25/2014 04:22 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-10-7701 151405034-0010	9/25/2014 04:23 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-11-7701 151405034-0011	9/25/2014 04:27 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63

Analyst(s)
 Jason Mote (27)

Michelle Leggett, Laboratory Manager
 or Other Approved Signatory

Any questions please contact Michelle Leggett.

Initial report from: 10/01/2014 16:47:33

Sample collection and containers provided by the client, acceptable bottle blank level is defined as ≤0.01MFL>10µm. ND=None Detected. This report relates only to those items tested. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Houston, TX NEAC TX T104704379-11-4



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670309 CoC Print Group 002 of 002



EMSL Analytical, Inc.

8700 Jameel Road, Suite 190 Houston, TX 77040
 Phone/Fax: (713) 686-3635 / (713) 686-3645
<http://www.EMSL.com/houstonlab@emsl.com>

EMSL Order ID: 151405034
 Customer ID: ANAL52
 Customer PO:
 Project ID:

Attn: Skeeter Lüdewig
 ANA Lab. Corp.
 PO Box 9000
 Kilgore, TX 75663-9000

Phone: (903) 984-0551
 Fax: (903) 984-5914
 Collected: 09/24/2014
 Received: 09/25/2014
 Analyzed: 10/01/2014

Proj:

Test Report: Determination of Asbestos Structures >10µm in Drinking Water
Performed by the 100.2 Method (EPA 600/R-94/134)

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm ²)	Area Analyzed (mm ²)	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
MFL (million fibers per liter)									
A-F-12-7701 151405034-0012	9/25/2014 04:28 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-13-7701 151405034-0013	9/25/2014 04:34 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-14-7701 151405034-0014	9/25/2014 04:34 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-15-7701 151405034-0015	9/25/2014 04:41 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-16-7701 151405034-0016	9/25/2014 04:41 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-17-8001 151405034-0017	9/25/2014 04:49 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-18-8001 151405034-0018	9/25/2014 04:49 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-19-8001 151405034-0019	9/25/2014 04:55 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-20-8001 151405034-0020	9/25/2014 04:55 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-21-8001 151405034-0021	9/25/2014 05:01 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-22-8001 151405034-0022	9/25/2014 05:01 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63

Analyst(s)
 Jason Mote (27)

Michelle Leggett, Laboratory Manager
 or Other Approved Signatory

Any questions please contact Michelle Leggett.

Initial report from: 10/01/2014 16:47:33

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <0.01MFL>10um. ND=None Detected. This report relates only to those items tested. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Houston, TX NELAC TX T104704379-11-4



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670309 CoC Print Group 002 of 002



EMSL Analytical, Inc.

8700 Jameel Road, Suite 190 Houston, TX 77040
 Phone/Fax: (713) 686-3635 / (713) 686-3645
<http://www.EMSL.com/houstonlab@emsl.com>

EMSL Order ID: 151405034
 Customer ID: ANAL52
 Customer PO:
 Project ID:

Attn: Skeeter Ludewig ANA Lab. Corp. PO Box 9000 Kilgore, TX 75663-9000	Phone: (903) 984-0551 Fax: (903) 984-5914 Collected: 09/24/2014 Received: 09/25/2014 Analyzed: 10/01/2014
Proj:	

**Test Report: Determination of Asbestos Structures >10µm in Drinking Water
Performed by the 100.2 Method (EPA 600/R-94/134)**

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm ²)	Area Analyzed (mm ²)	ASBESTOS				
					Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
A-F-23-8001 151405034-0023	9/25/2014 05:07 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-25-8101 151405034-0024	9/25/2014 05:08 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-26-8101 151405034-0025	9/25/2014 05:13 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-G-27-8101 151405034-0026	9/25/2014 05:13 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63
A-F-28-8101 151405034-0027	9/25/2014 05:20 PM	100	1295	0.0756	None Detected	ND	0.17	<0.17	0.00 - 0.63

Analyst(s)
Jason Mote (27)

Michelle Leggett, Laboratory Manager
or Other Approved Signatory

Any questions please contact Michelle Leggett.

Initial report from: 10/01/2014 16:47:33

Sample collection and containers provided by the client. acceptable bottle blank level is defined as <0.01MFL>10um. ND=None Detected. This report relates only to those items tested. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Houston, TX NELAC TX T104704379-11-4



Appendix B
Chain of Custody

1 of 10

670309 CoC Print Group 001 of 002



Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

LELAP-accredited #02008

09/12/2014 Page 1 of 8

Chain of Custody**Report To**

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

PRIM**102**

Phone 214/561-8690
 Fax 214/561-8691

water testing

Accredited	Test	Name	Method
------------	------	------	--------

*5 Day TAT**Matrix: Liquid Aqueous*

Sampler Printed Name	Sampler Affiliation	Sampler Signature
	0 On Site Testing CI2C CI2 analyzed by client	

*Warrington
Vantage Environmental Services**CI2 analyzed by client Quality Control*

Collected By _____ Date _____ Time _____ Analyzed By _____ Date _____ Time _____

Results _____ Units _____ Temp. _____ C Duplicate _____ Units _____ Temp. _____ C
N CI2o Chlorine Residual(Onsite/TC) SM 4500-Cl F 20th ED**Chlorine Residual (Onsite/TC) Quality Control**

Collected By _____ Date _____ Time _____ Analyzed By _____ Date _____ Time _____

Results _____ Units _____ Temp. _____ C Duplicate _____ Units _____ Temp. _____ C

Chlorine Residual: R1 _____ R2 _____ Chlorine Residual QC: R1 _____ R2 _____

I	Na2S2O3 (0.008%) Polystyrene-100 mL Sterilized
N	* TCCS Total Coliform Set Started SM 9223 B (Colilert®-18)-97

I	Amber Glass Qt w/Teflon lined lid
*	ASBT Asbestos-liquid (Electron Micros)

0	Z1-Administrative use only: no bottle required	All samples bottles sent to EMBL Subcontract
---	--	--

N	CI2t Chlorine Residual Type
---	-----------------------------

Chlorine Residual Type Quality Control

Collected By _____ Date _____ Time _____ Analyzed By _____ Date _____ Time _____

Results _____ Units _____ Temp. _____ C Duplicate _____ Units _____ Temp. _____ C

Chlorine Residual: R1 _____ R2 _____ Chlorine Residual QC: R1 _____ R2 _____

I	HNO3 to pH <2 Polyethylene 500 mL for Metals
---	--

N	301L Liquid Metals Digestion EPA 200.2 2.8
N	*FeI Total Iron EPA 200.7 4.4
N	*CuM Copper EPA 200.8 5.4
N	*PbM Lead EPA 200.8 5.4

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

North Texas Region: 11105 Shady Trl Ste. 123 Dallas TX 75229-7633



NELAP-accredited #T104704201

2 of 10

670309 CoC Print Group 001 of 002



Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

LELAP-accredited #02008

Chain of Custody

09/12/2014 Page 2 of 8

Report To

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

PRIM**102**Phone 214/561-8690
Fax 214/561-8691*water testing*

N

TH

Total Hardness (as CaCO₃)

SM 2340 C-97

Ana-Lab #	Sample ID	Bottles	Date	Time	Notes
1331058	M-G-01-7701		9.24.14	11:10	Level 8 Break Room
	H-G-01-7701			11:10	
	A-G-01-7701			11:10	
cp925/4	C-G-01-7701			11:10	
085-059	m-F-02-7701			11:14	
	H-G-02 H-F-02-7701			11:14	
	A-G-02 A-F-02-7701			11:14	
	C-G C-F-02-7701			11:21	Level 6 Break Room
060	M-G-03-7701			11:21	
+	H-G-03-7701			11:21	

Ambient Conditions/Comments

Date	Time	Relinquished	Received
9.24.14	14:10	Printed Name <i>K.W. Warrington</i> Affiliation	Printed Name <i>Jay Feeny</i> Affiliation <i>Ana-Lab</i>
		Signature <i>[Signature]</i>	Signature <i>[Signature]</i>
9/24/14 16:00		Printed Name <i>Christi Parker</i> Affiliation <i>Vantage Enviro</i>	Printed Name <i>CP925/4</i> Affiliation <i>Ana-Lab</i>
		Signature <i>[Signature]</i>	Signature <i>[Signature]</i>
9/25/14 08:00		Printed Name <i>LSO</i> Affiliation	Printed Name <i>Christi Parker</i> Affiliation <i>Analab</i>
		Signature <i>[Signature]</i>	Signature <i>[Signature]</i>
		Printed Name <i></i> Affiliation <i></i>	Printed Name <i></i> Affiliation <i></i>
		Signature <i></i>	Signature <i></i>

Requests 5 by TAT

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

North Texas Region: 11105 Shady Trl Ste. 123 Dallas TX 75229-7633



NELAP-accredited #T104704201

3 of 10

670309 CoC Print Group 001 of 002



Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

LELAP-accredited #02008

09/24/2014 Page 3 of 4

Chain of Custody**Report To**

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

PRIM**102**Phone 214/561-8690
Fax 214/561-8691*water testing*

1337060	A - G - 03 - 7701	9.24.14	11:21	Level 6 Break Room
+	C - G - 03 - 7701	/	11:21	/
061	M - F - 04 - 7701	/	11:24	/
+	H - F - 04 - 7701	/	11:24	/
+	A - F - 04 - 7701	/	11:24	/
+	C - F - 04 - 7701	/	11:24	↓
062	M - G - 05 - 7701	/	11:31	Level 4 Break Room
+	H - G - 05 - 7701	/	11:31	/
+	A - G - 05 - 7701	/	11:31	/
+	C - G - 05 - 7701	/	11:31	/
063	M - F - 06 - 7701	/	11:35	/
+	H - F - 06 - 7701	/	11:35	/
+	A - F - 06 - 7701	/	11:35	/
+	C - F - 06 - 7701	/	11:35	↓
064	M - G - 07 - 7701	/	11:47	Level 2 Break Room
+	H - G - 07 - 7701	/	11:47	/
+	A - G - 07 - 7701	/	11:47	/
+	C - G - 07 - 7701	/	11:47	/
065	M - F - 08 - 7701	/	11:50	/
+	H - F - 08 - 7701	/	11:50	/
+	A - F - 08 - 7701	↓	11:50	↓

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

North Texas Region: 11105 Shady Trl Ste. 123 Dallas TX 75229-7633



NELAP-accredited #T104704201

4 of 10

670309 CoC Print Group 001 of 002



Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

LELAP-accredited #02008

09/24/2014 Page 4 of 8

Chain of Custody

Report To

PRIM

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

102
 Phone 214/561-8690
 Fax 214/561-8691
water testing

1337065	C - F - 08 - 7701	9:24 AM	11:50	Level 2 Break Room
066	M - G - 09 - 7701	/	11:55	Level 1 Water Fountain
1	H - G - 09 - 7701	/	11:55	/
1	A - G - 09 - 7701	/	11:55	/
—	C - G - 09 - 7701	/	11:55	/
067	M - F - 10 - 7701	/	12:00 13:00	/
1	H - F - 10 - 7701	/	12:00 13:00	/
1	A - F - 10 - 7701	/	12:00 13:00	/
—	C - F - 10 - 7701	/	12:00 13:00	↓
068	M - G - 11 - 7701	/	12:07 13:07	Level 5 Water Fountain
1	H - G - 11 - 7701	/	12:07	/
1	A - G - 11 - 7701	/	12:07	/
—	C - G - 11 - 7701	/	12:07	/
069	M - F - 12 - 7701	/	12:10	/
1	H - F - 12 - 7701	/	12:10	/
1	A - F - 12 - 7701	/	12:10	/
—	C - F - 12 - 7701	/	12:10	↓
070	M - G - 13 - 7701	/	12:17	Level 3 Water Fountain
1	H - G - 13 - 7701	/	12:17	/
1	A - G - 13 - 7701	/	12:17	/
—	C - G - 13 - 7701	✓	12:17	↓

Corporate Shipping: 2600 Dudley Rd. Kilgore, TX 75662

North Texas Region: 11105 Shady Trl Ste. 123 Dallas TX 75229-7633



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670309 CoC Print Group 001 of 002



Ana-Lab Corp. P.O. Box 9000 Kilgore, TX 75663

Phone 903/984-0551 FAX 903/984-5914 e-Mail corp@ana-lab.com

LELAP-accredited #02008

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Chain of Custody

Report To:

PRIM

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

102
 Phone 214/561-8690
 Fax 214/561-8691
water testing

1337071	m - F - 14 - 7701	9.24.14	12:20	Level 3 water fountain
	H - F - 14 - 7701		12:20	/
	A - F - 14 - 7701		12:20	/
-	C - F - 14 - 7701		12:20	↓
072	m - G - 15 - 7701		12:28	Level 1 water fountain
	H - G - 15 - 7701		12:28	/
	A - G - 15 - 7701		12:28	/
-	C - G - 15 - 7701		12:28	/
073	m - F - 16 - 7701		12:31	
-	H - F - 16 - 7701		12:31	/
	A - F - 16 - 7701		12:31	/
-	C - F - 16 - 7701	✓	12:31	↓
074	m - G - 17 - 8001	9.24.14	12:52	Level 1 - N. Break Room
	H - G - 17 - 8001		12:52	/
	A - G - 17 - 8001		12:52	/
-	C - G - 17 - 8001		12:52	
075	m - F - 18 - 8001		12:56	
-	H - F - 18 - 8001		12:56	
	A - F - 18 - 8001		12:56	
-	C - F - 18 - 8001	✓	12:56	↓

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6 8**Chain of Custody****Report To**

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

PRIM**102**Phone 214/561-8690
Fax 214/561-8691*water testing**N**TH*Total Hardness (as CaCO₃)

SM 2340 C-97

Ana-Lab #	Sample ID	Bottles	Date	Time	Notes
135707b	M - G - 19 - 800)		9/24/14	13:01	Level 1 Central Water Fountain
	H - G - 19 - 800)			13:01	
	A - G - 19 - 800)			13:01	
	C - G - 19 - 800)			13:01	
077	M - G - 20 - 800)			13:05	
	H - G - 20 - 800)			13:05	
	A - G - 20 - 800)			13:05	
	C - G - 20 - 800)			13:05	✓
078	M - G - 21 - 800)			13:10	Level 2 S. Break Room
	H - G - 21 - 800)			13:10	
	A - G - 21 - 800)			13:10	
	C - G - 21 - 800)			13:10	
079	M - G - 21 M - F - 22 - 800)			13:15	
	H - G - 21 H - F - 22 - 800)			13:15	
	A - F - 22 - 800)			13:15	
	C - F - 22 - 800)			13:15	✓
080	M - G - 23 - 800)			13:18	Level 2 N. Water Fountain
	H - G - 23 - 800)			13:18	
	A - G - 23 - 800)			13:18	
	C - G - 23 - 800)		✓	13:18	✓

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Chain of Custody

09/24/2014

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Report To

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

PRIM**102**

Phone 214/561-8690
 Fax 214/561-8691

water testing

1337081	m - G - 25 - 8101	9.24.14	13:25	Level 1 Water Foundati
	H - G - 25 - 8101	9.24.14	13:25	
	A - G - 25 - 8101		13:25	
-	C - G - 25 - 8101		13:25	
082	M - F - 26 - 8101		13:29	
	H - F - 26 - 8101		13:29	
	A - F - 26 - 8101		13:29	
-	C - F - 26 - 8101		13:29	↓
083	m - G - 27 - 8101		13:36	Level 2 Break Room
	H - G - 27 - 8101		13:36	
	A - G - 27 - 8101		13:36	
-	C - G - 27 - 8101		13:36	
084	M - F - 28 - 8101		13:40	
	H - F - 28 - 8101		13:40	
	A - F - 28 - 8101		13:40	
-	C - F - 28 - 8101	✓	13:40	↓

Ambient Conditions/Comments

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670309 CoC Print Group 001 of 002



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Chain of Custody**Report To**

Kristi Warrington
 Vantage Environmental Services
 15851 Dallas Parkway
 Suite 600
 Addison, TX 75001

PRIM**102**Phone 214/561-8690
 Fax 214/561-8691*water testing*

Date	Time	Relinquished	Received
		Printed Name <i>[Signature]</i>	Affiliation <i>[Signature]</i>

Sample Received on Ice? Yes No Method of Shipment: UPS Bus FedEx Lone Star Hand Delivered Other

Cooler/Sample Secure? Yes No

Tracking/Shipping #

21330557;21330561

The accredited column designates accreditation by A - A2LA, N - NELAC, or z - not listed under scope of accreditation. Unless otherwise specified, ANA-LAB shall provide these ordered services pursuant to our Standard Terms & Conditions Agreement (available for download from the welcome page at <<http://www.ana-lab.com>>). Ana-Lab personnel collect samples as specified by Ana-Lab SOP #000323.

Comments

005057 CF
 005514 CF *00*
 003688 CF *100*

<100, 140

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